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<!--StartFragment-->RESULT 2
US-09-818-780-96
; Sequence 96, Application US/09818780
; Patent No. 6677146
; GENERAL INFORMATION:
; APPLICANT: McHenry, Charles
; TITLE OF INVENTION: NOVEL THERMOPHILIC POLYMERASE III HOLOENZYME
; FILE REFERENCE: 1794.0030004
; CURRENT APPLICATION NUMBER: US/09/818,780
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/192,736
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 96
; LENGTH: 347
; TYPE: PRT
; ORGANISM: Bacillus subtilis
US-09-818-780-96
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Query Match 42.3%; Score 736.5; DB 2; Length 347;  
Best Local Similarity 44.2%; Pred. No. 2e-64;  
Matches 148; Conservative 73; Mismatches 113; Indels 1; Gaps 1;

Qy 1 MLERVGNIKEKRRFSPLYLGYNEPFLLTETYERLVNAALGPEEREWNLAVIDCEETPIE 60  
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Db 1 MVEFDVWKSLLKGGEVHPVCYLCKETYLLORTVSIROTVDTEKDMLNSFLVDEEDPLD 60

Qy 61 AALEEAAETVPFFGERRVILIKHPPYFTSEKEKE-IEHDLAKLEAYLAKPSPIVSIVVFAP 119  
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Dy 61 QALDAAFTEPFGCRDVLTVTKNDPFLVTCGKKEKKFKEIUVNSAFLSVEYIOPAVTVEVLIAP 120

Qy 120 YEKLLDERKKITKLAKEQSEVVIAAPLAAELRWA  
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Ph 121 YEKLLDERKKITKLAKEMMELAKELNAKETDEETIHLA  
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Qy 240 LLENNEEPIKILALLAHAFLRLSQVKWLASLGYGQAQIAALKVHPFRVKLALAQAARFA 299  
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Qy 300 DGELAEAINELADADYEVKSGAVDRRLAVELLLMR 334  
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